

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131128.D
 Acq On : 10 Nov 2022 18:00
 Operator : CG\JU
 Sample : N5494-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22

Quant Time: Nov 11 00:49:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

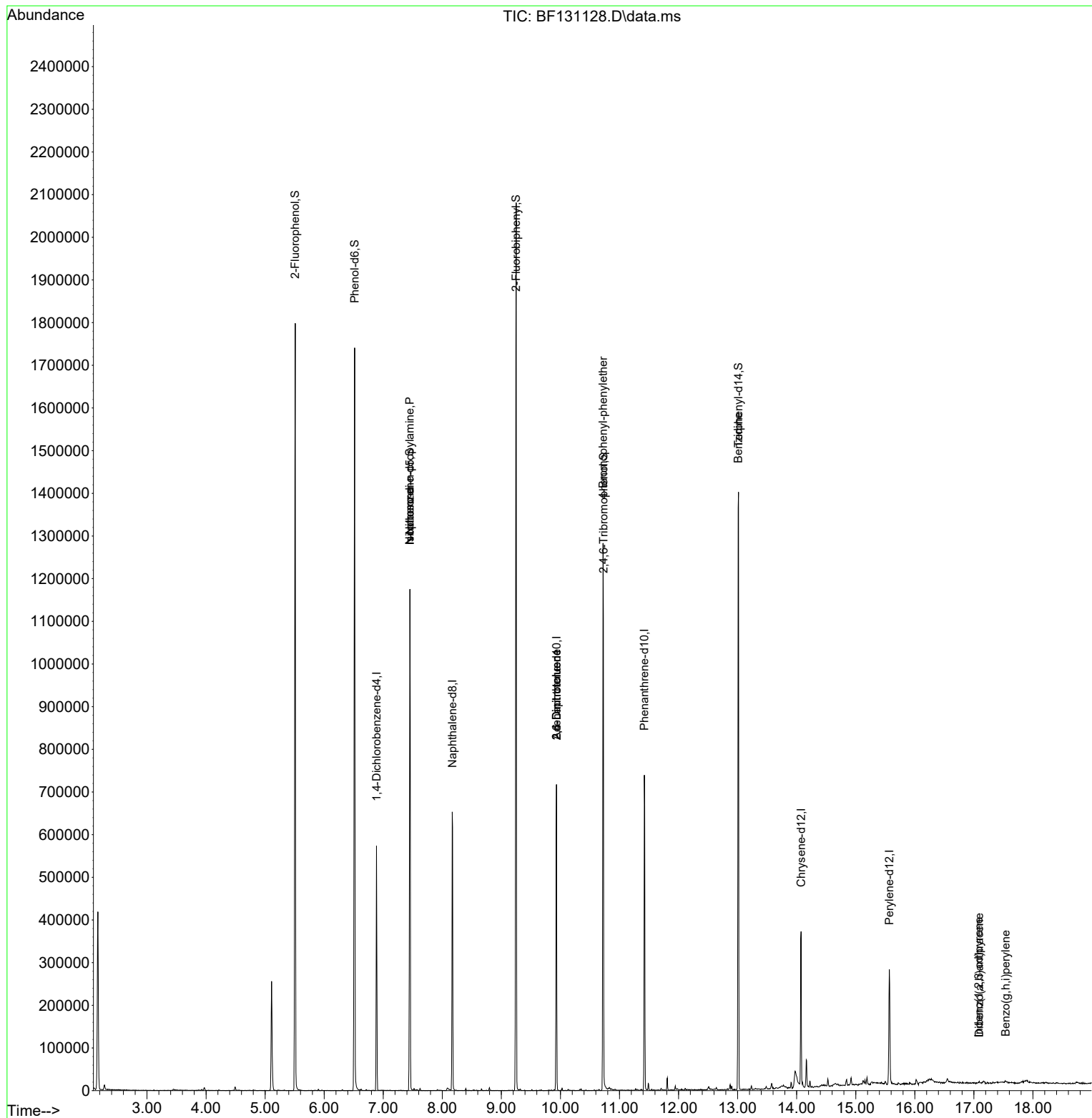
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	70676	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	287257	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	136194	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	271194	20.000	ng	0.00
76) Chrysene-d12	14.074	240	122625	20.000	ng	0.00
86) Perylene-d12	15.568	264	122560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	423072	101.800	ng	0.00
7) Phenol-d6	6.516	99	522886	96.237	ng	0.00
23) Nitrobenzene-d5	7.451	82	368266	57.843	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	141556	100.571	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	598945	61.391	ng	0.00
79) Terphenyl-d14	13.015	244	478579	68.428	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	50590	14.181	ng	# 77
25) Isophorone	7.451	82	368257	37.409	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	17643	8.287	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	17643	6.234	ng	# 17
67) 4-Bromophenyl-phenylether	10.722	248	9153	2.985	ng	# 1
77) Benzidine	13.010	184	7494	2.072	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.080	276	2642	4.107	ng	97
91) Dibenzo(a,h)anthracene	17.092	278	1259	3.982	ng	# 73
92) Benzo(g,h,i)perylene	17.539	276	2789	4.660	ng	# 84

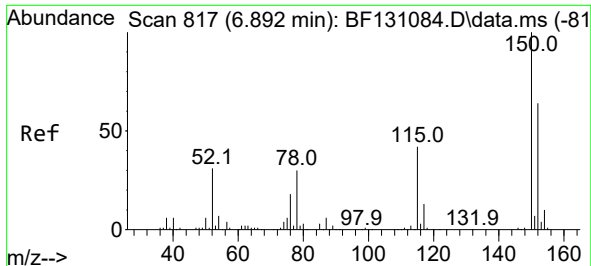
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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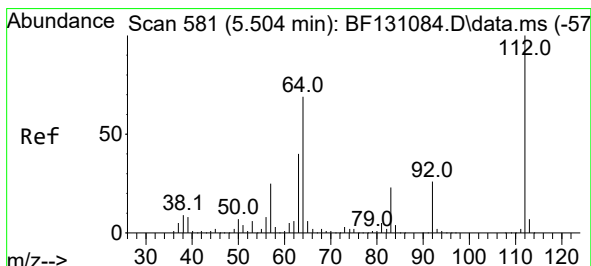
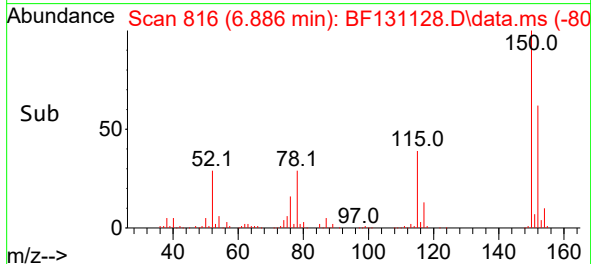
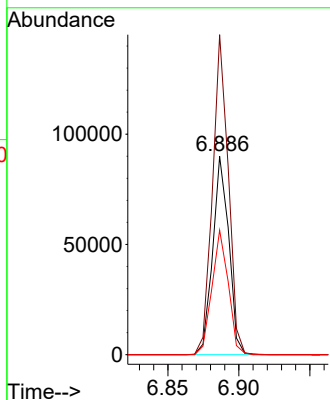
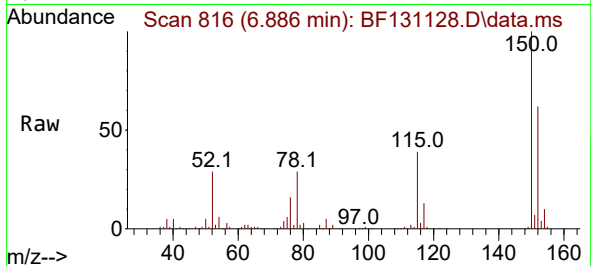




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

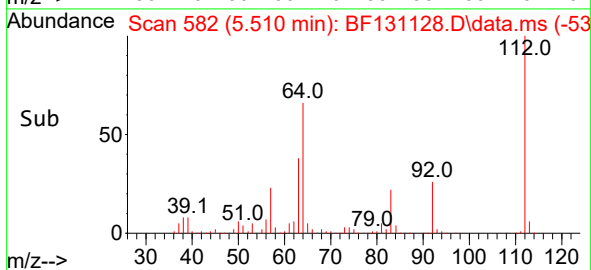
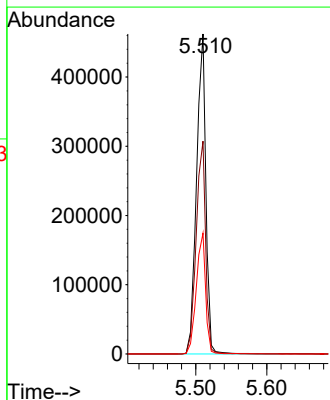
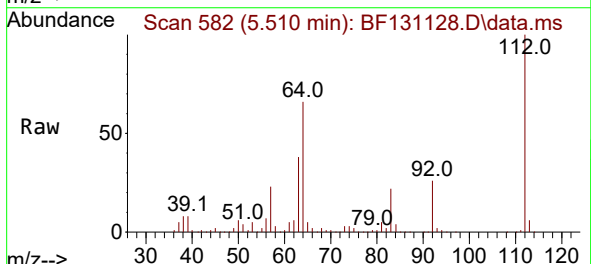
Instrument :
BNA_F
ClientSampleId :
SB-22

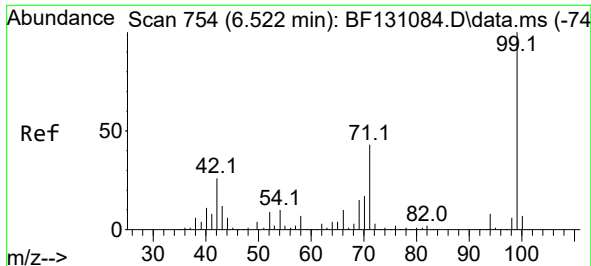
Tgt Ion:152 Resp: 70676
Ion Ratio Lower Upper
152 100
150 161.2 125.5 188.3
115 62.8 52.2 78.2



#5
2-Fluorophenol
Concen: 101.800 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

Tgt Ion:112 Resp: 423072
Ion Ratio Lower Upper
112 100
64 66.5 55.1 82.7
63 37.8 32.4 48.6

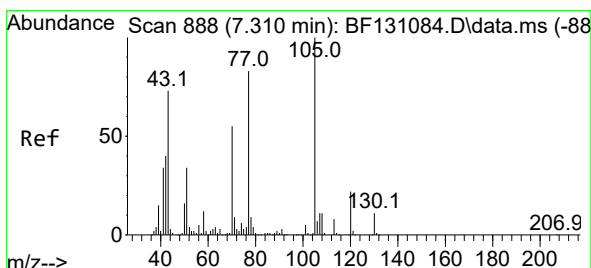
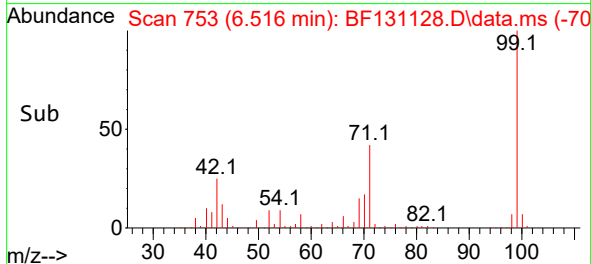
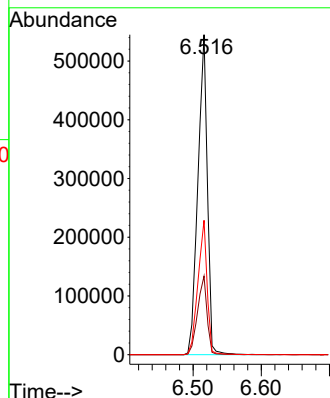
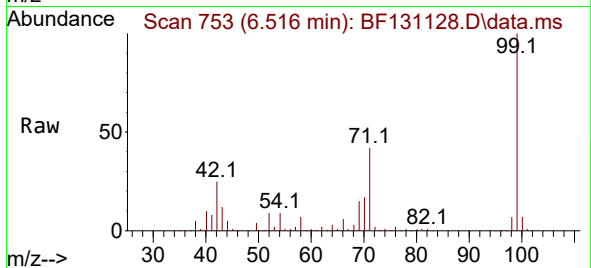




#7
Phenol-d6
Concen: 96.237 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

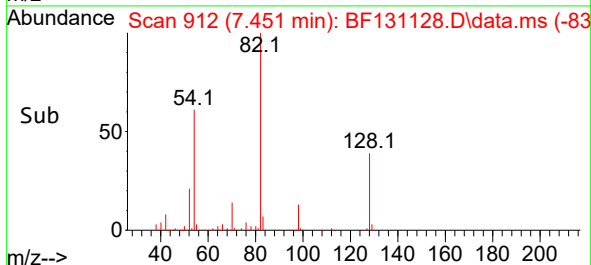
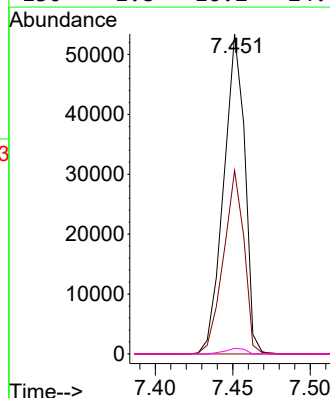
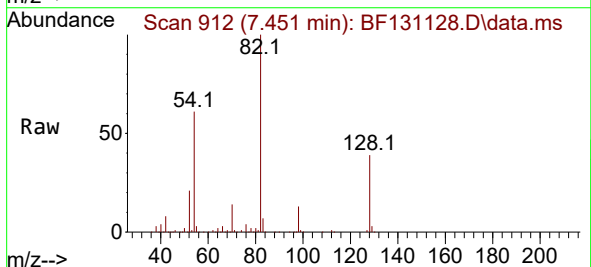
Instrument :
BNA_F
ClientSampleId :
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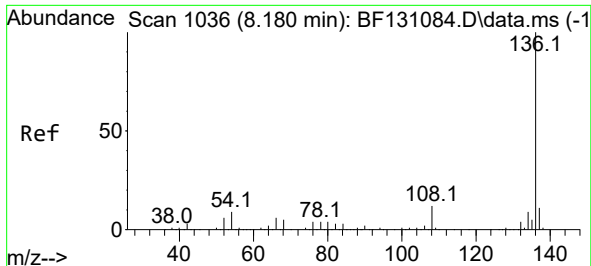
Tgt Ion: 99 Resp: 522886
Ion Ratio Lower Upper
99 100
42 24.5 20.8 31.2
71 42.0 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.181 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

Tgt Ion: 70 Resp: 50590
Ion Ratio Lower Upper
70 100
42 57.3 58.3 87.5#
101 0.0 7.4 11.2#
130 1.8 16.2 24.4#



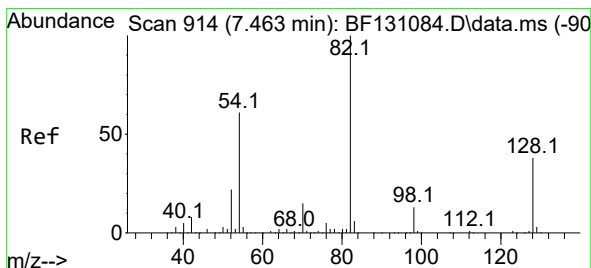
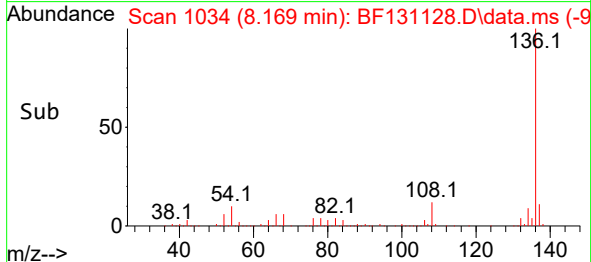
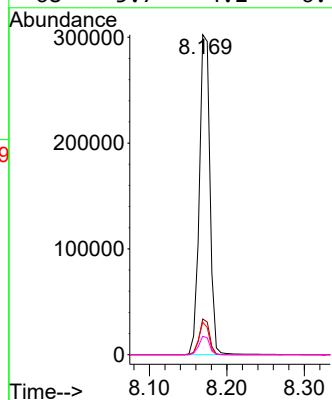
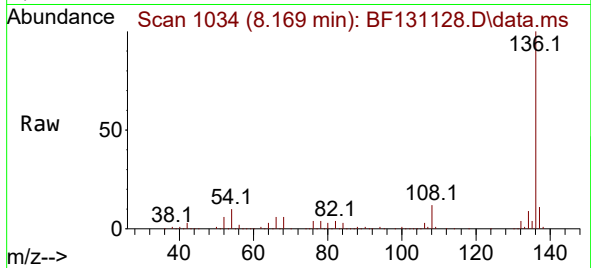


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

Instrument :
BNA_F
ClientSampleId :
SB-22

Tgt Ion:136 Resp: 287257

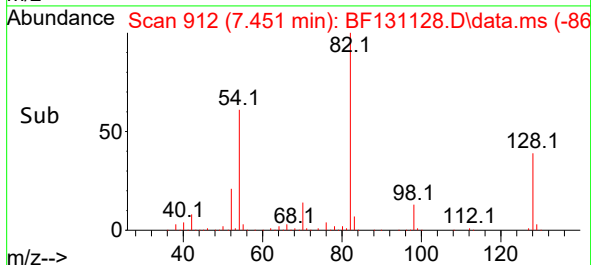
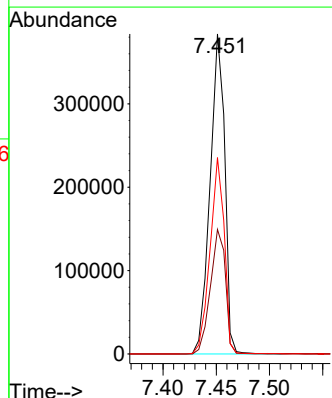
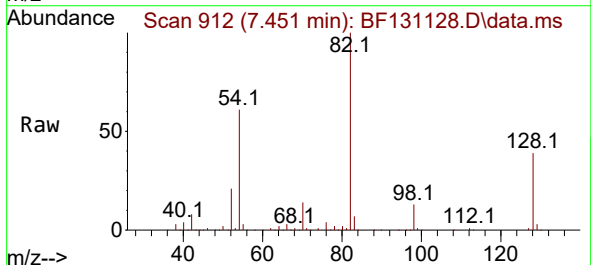
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.1	7.2	10.8
68	5.7	4.2	6.4

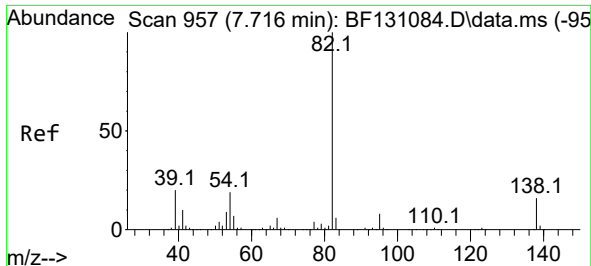


#23
Nitrobenzene-d5
Concen: 57.843 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

Tgt Ion: 82 Resp: 368266

Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.5	45.7
54	61.3	49.1	73.7

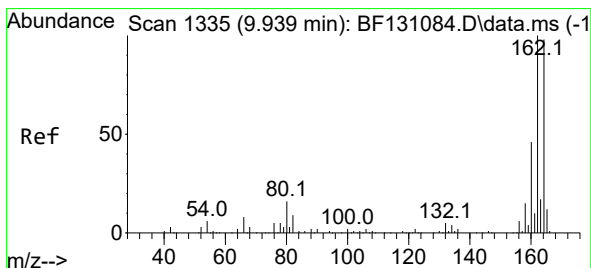
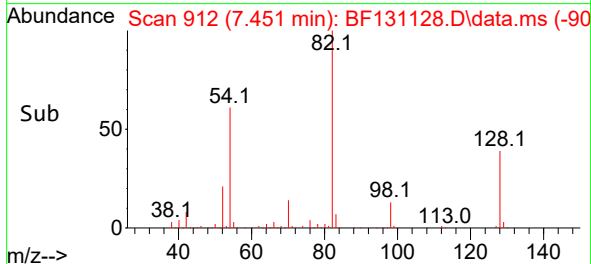
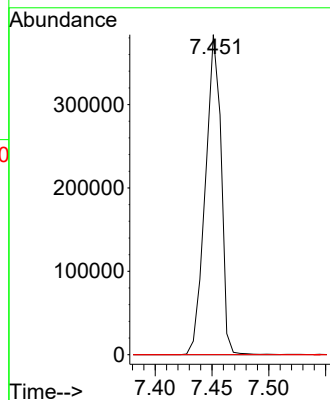
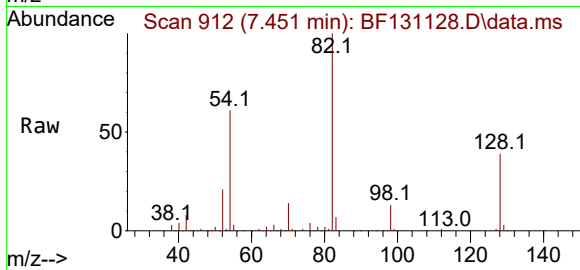




#25
Isophorone
Concen: 37.409 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

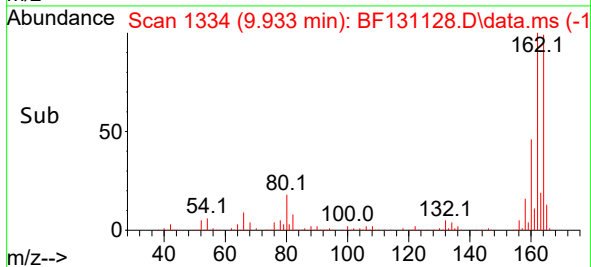
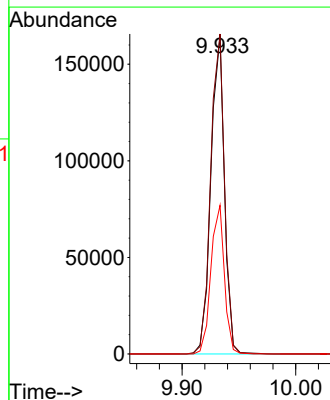
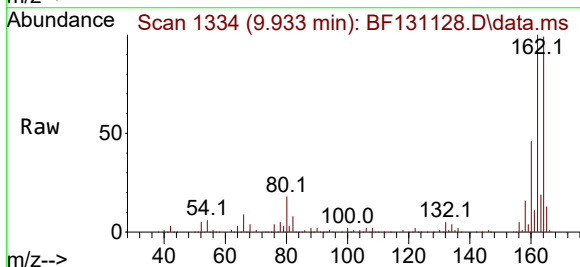
Instrument :
BNA_F
ClientSampleId :
SB-22

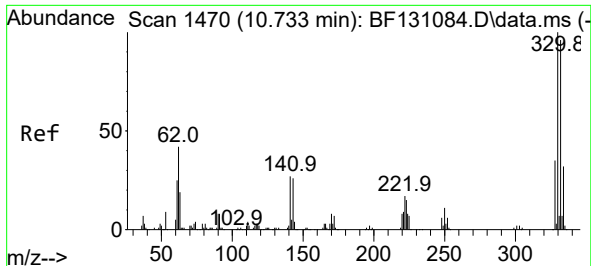
Tgt Ion: 82 Resp: 368257
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

Tgt Ion:164 Resp: 136194
Ion Ratio Lower Upper
164 100
162 100.5 81.7 122.5
160 46.7 37.4 56.2

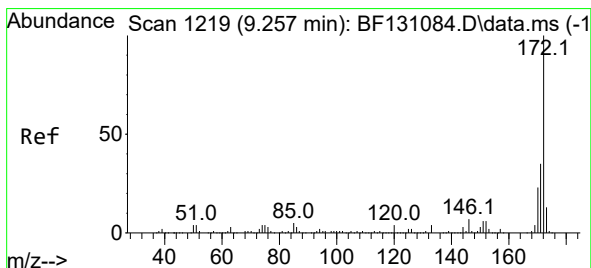
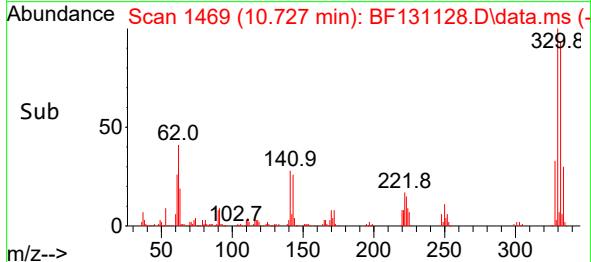
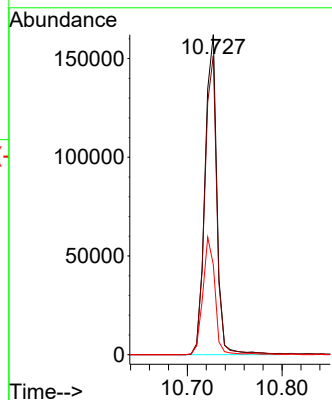
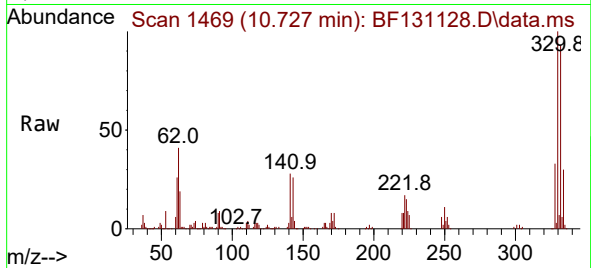




#42
2,4,6-Tribromophenol
Concen: 100.571 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

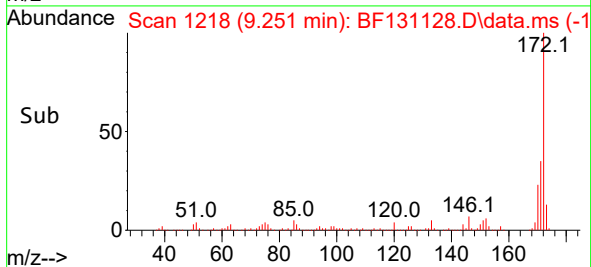
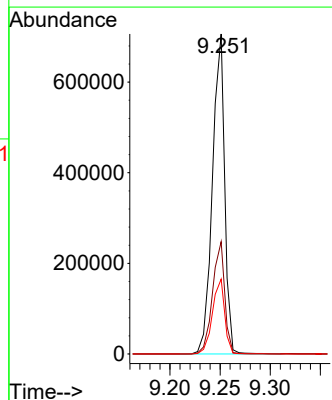
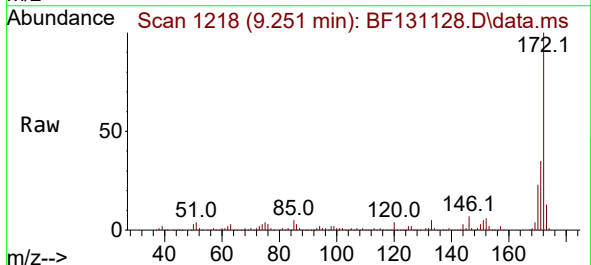
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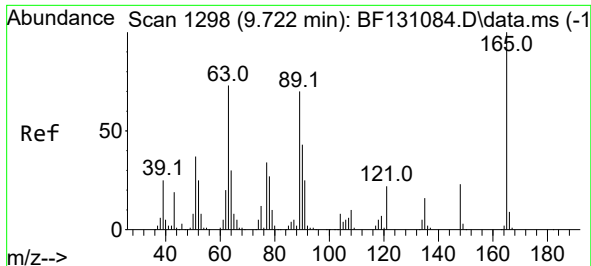
Tgt Ion:330 Resp: 141556
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.4
141 37.3 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 61.391 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

Tgt Ion:172 Resp: 598945
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.4 18.8 28.2

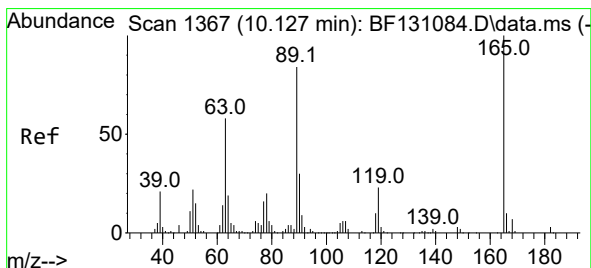
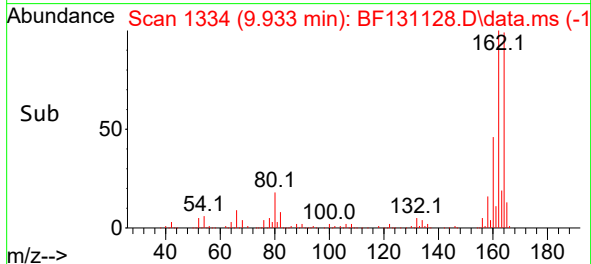
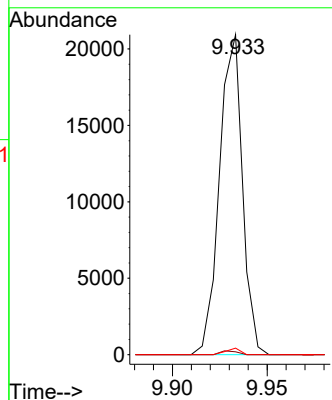
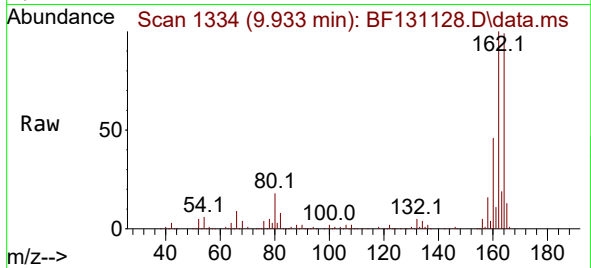




#51
2,6-Dinitrotoluene
Concen: 8.287 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

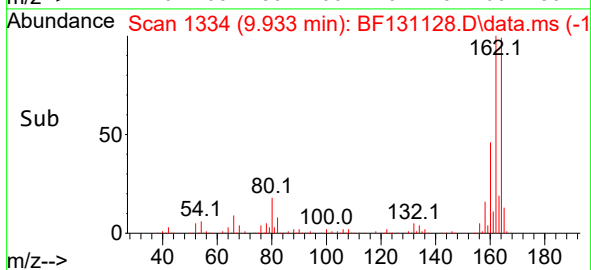
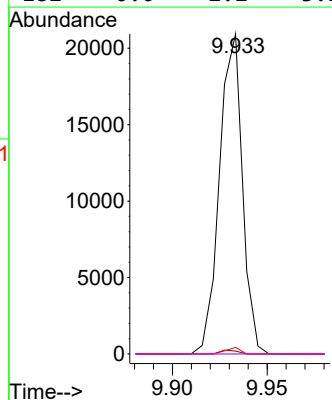
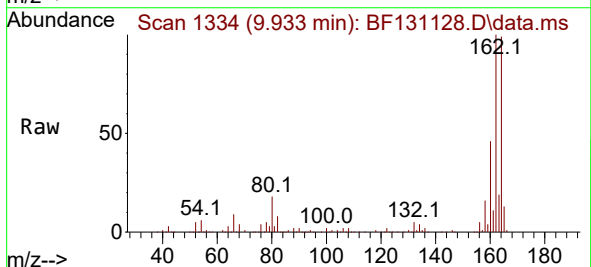
Instrument :
BNA_F
ClientSampleId :
SB-22

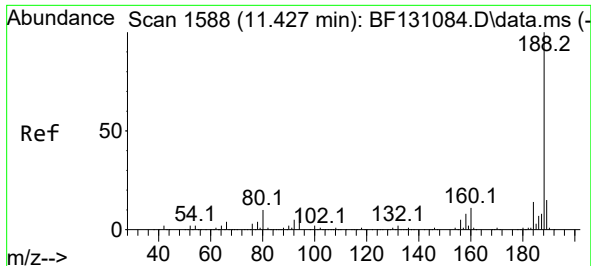
Tgt Ion:165 Resp: 17643
Ion Ratio Lower Upper
165 100
63 0.9 61.4 92.2#
89 2.0 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.234 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

Tgt Ion:165 Resp: 17643
Ion Ratio Lower Upper
165 100
63 0.9 46.9 70.3#
89 2.0 66.9 100.3#
182 0.0 2.2 3.2#

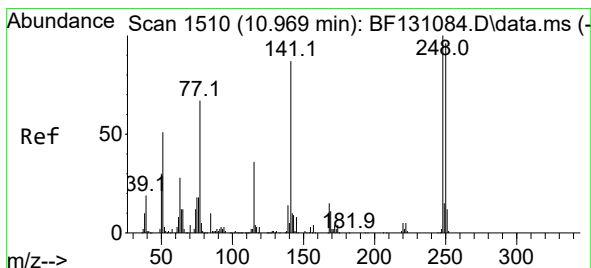
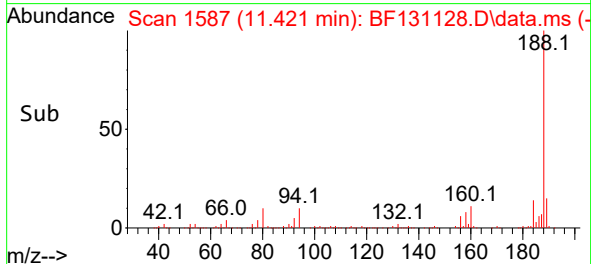
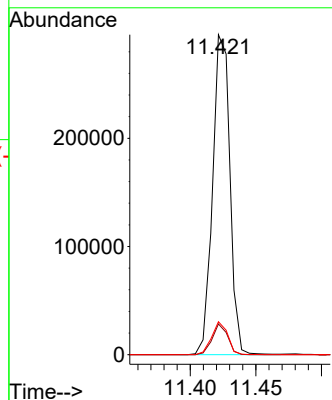
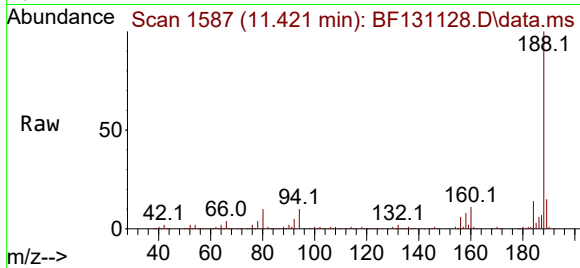




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

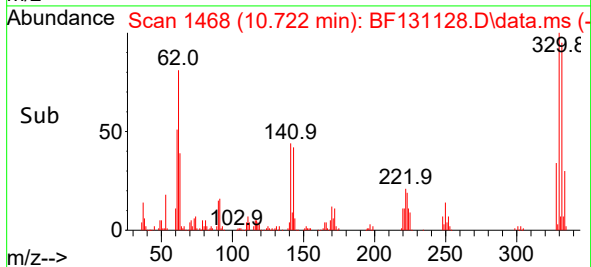
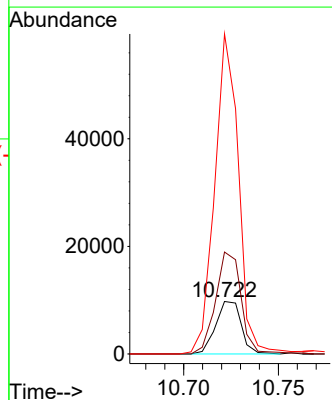
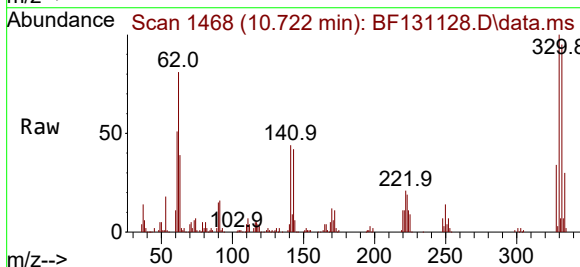
Instrument :
BNA_F
ClientSampleId :
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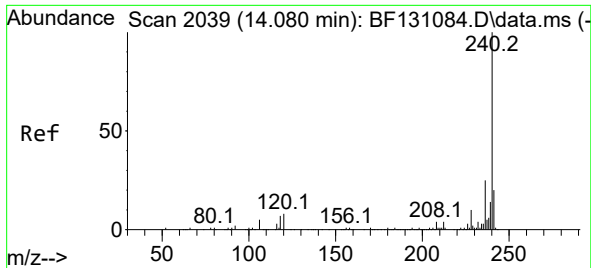
Tgt Ion:188 Resp: 271194
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.985 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

Tgt Ion:248 Resp: 9153
Ion Ratio Lower Upper
248 100
250 194.2 77.0 115.6#
141 609.8 69.7 104.5#

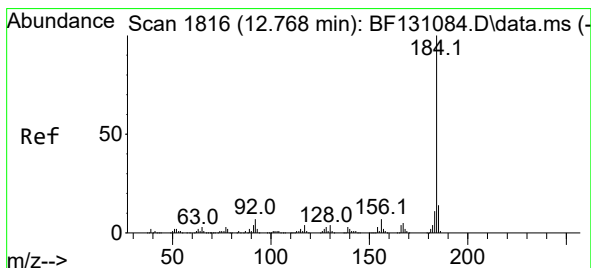
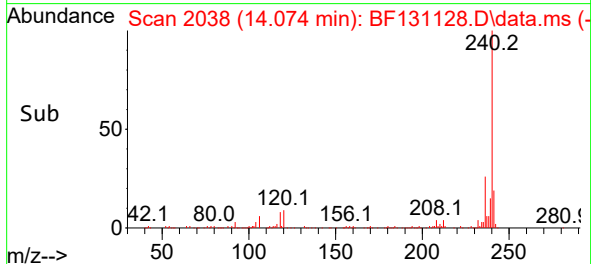
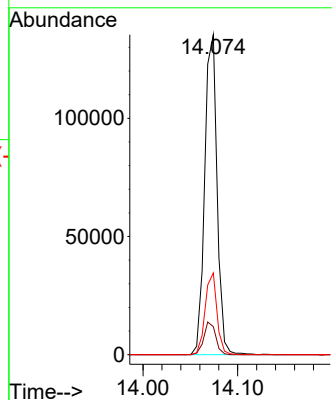
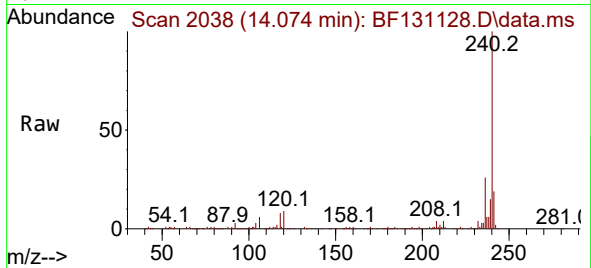




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

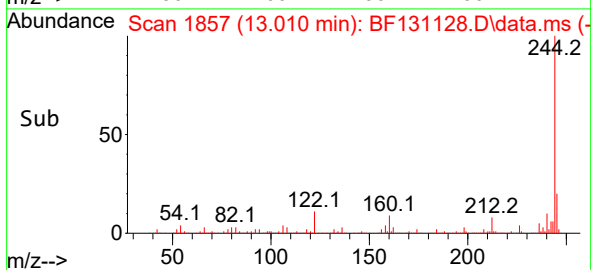
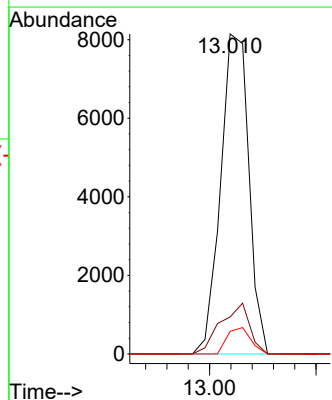
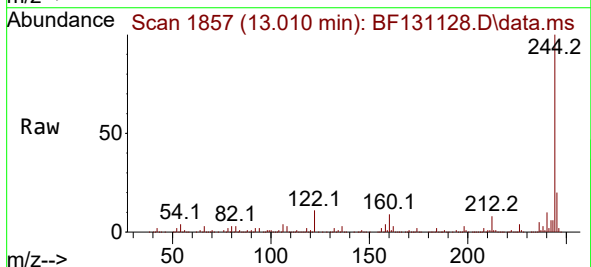
Instrument :
BNA_F
ClientSampleId :
SB-22

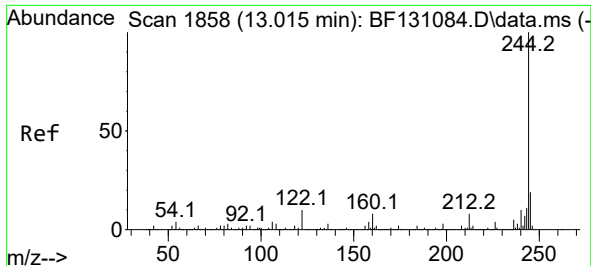
Tgt Ion:240 Resp: 122625
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 25.5 19.7 29.5



#77
Benzidine
Concen: 2.072 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.241 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

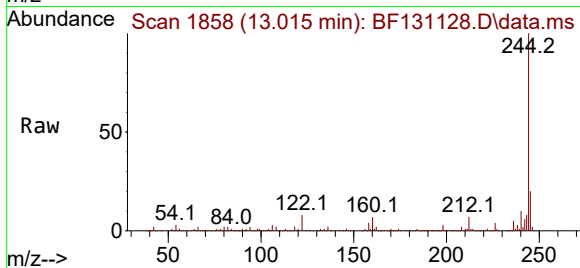
Tgt Ion:184 Resp: 7494
Ion Ratio Lower Upper
184 100
185 11.6 11.4 17.0
183 7.0 9.0 13.4#



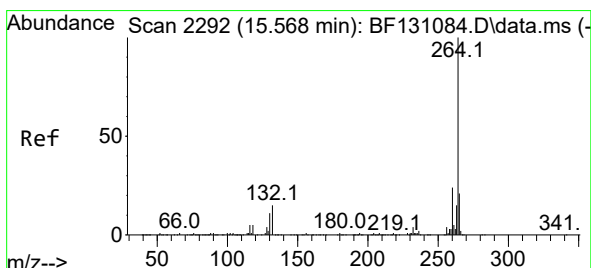
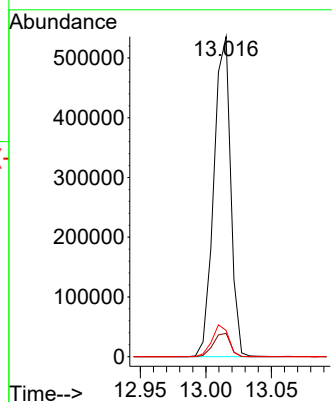
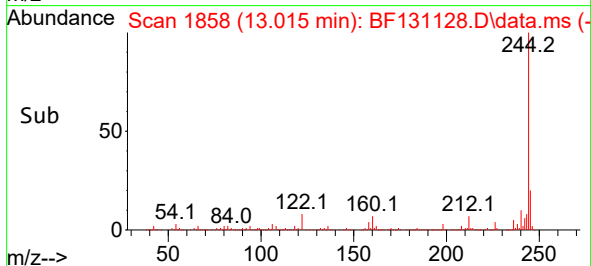


#79
 Terphenyl-d14
 Concen: 68.428 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: BF131128.D
 Acq: 10 Nov 2022 18:00

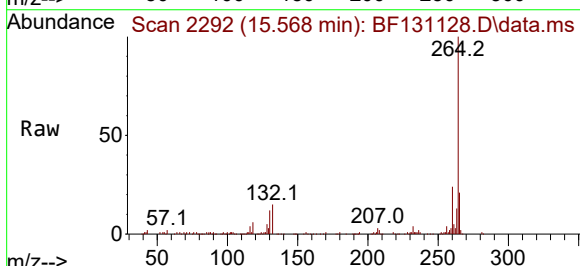
Instrument :
 BNA_F
 ClientSampleId :
 SB-22



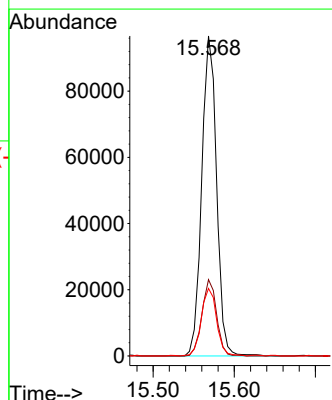
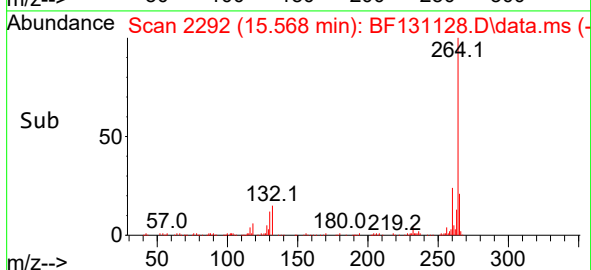
Tgt Ion:244 Resp: 478579
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.2 7.8 11.8

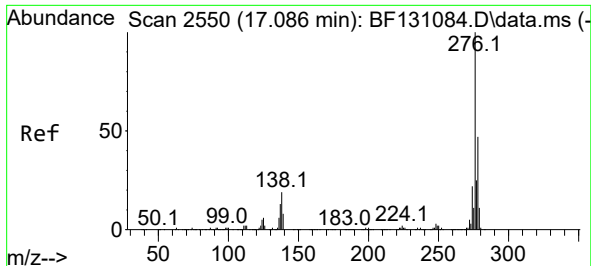


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131128.D
 Acq: 10 Nov 2022 18:00



Tgt Ion:264 Resp: 122560
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.1 16.7 25.1

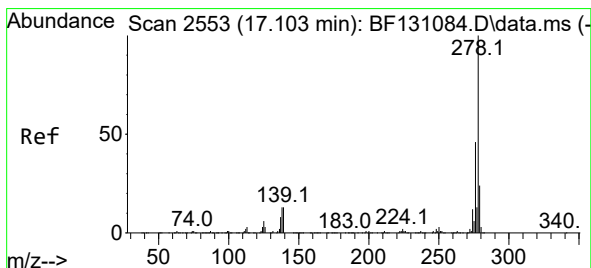
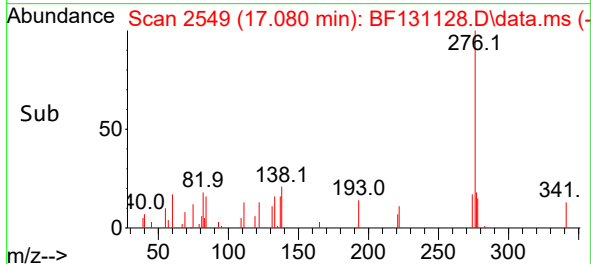
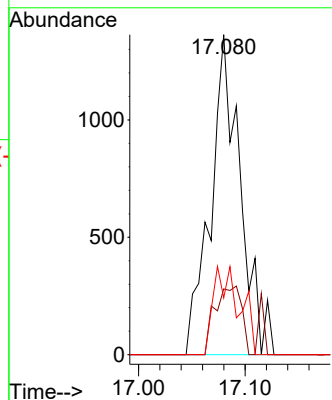
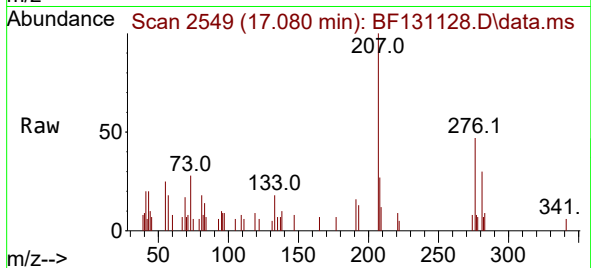




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.107 ng
 RT: 17.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131128.D
 Acq: 10 Nov 2022 18:00

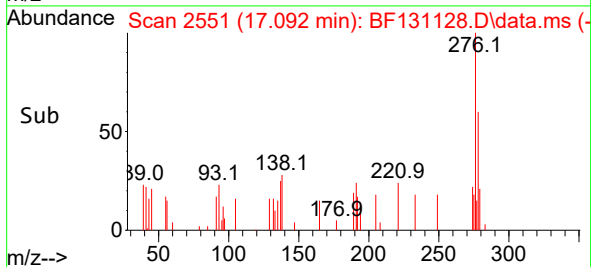
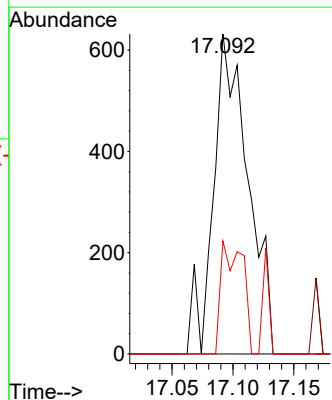
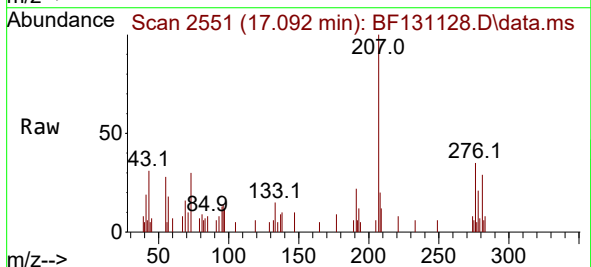
Instrument :
 BNA_F
 ClientSampleId :
 SB-22

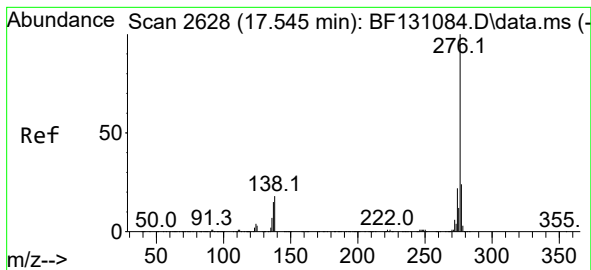
Tgt Ion:276 Resp: 2642
 Ion Ratio Lower Upper
 276 100
 138 19.2 16.9 25.3
 277 24.0 20.3 30.5



#91
 Dibenzo(a,h)anthracene
 Concen: 3.982 ng
 RT: 17.092 min Scan# 2551
 Delta R.T. -0.011 min
 Lab File: BF131128.D
 Acq: 10 Nov 2022 18:00

Tgt Ion:278 Resp: 1259
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.8 16.2#
 279 35.3 19.2 28.8#





#92

Benzo(g,h,i)perylene

Concen: 4.660 ng

RT: 17.539 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF131128.D

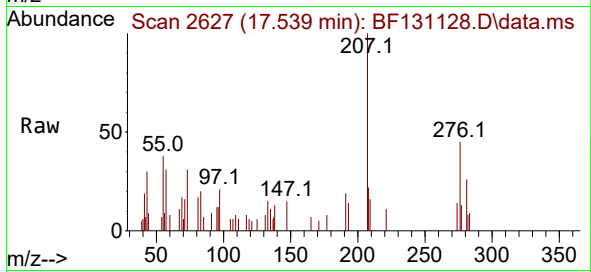
Acq: 10 Nov 2022 18:00

Instrument :

BNA_F

ClientSampleId :

SB-22



Tgt Ion:276 Resp: 2789

Ion Ratio Lower Upper

276 100

277 27.9 19.0 28.4

138 29.4 14.6 21.8#

